

HISTORIC AMERICAN ENGINEERING RECORD

HAER  
NJ,  
16-CLIF,  
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Dundee Canal: Headgates, Guardlock,  
and Uppermost Section  
250 feet northeast of Randolph Avenue,  
opposite and in line with East Clifton Avenue  
Clifton  
Passaic County  
New Jersey

HAER No. NJ-45

NOTE: Photographs were taken by Thomas R. Flagg, photographer, October 1985

- NJ-45-1 VIEW LOOKING NORTH FROM DEWATERED CANAL; HEADGATES AND INTAKE CHANNEL AT LEFT; GUARDLOCK AT CENTER; SHEET PILING THROUGH SITE OF TOWPATH AT RIGHT
- NJ-45-2 VIEW LOOKING NORTH OF GUARDLOCK (LEFT REAR), DUNDEE DAM (RIGHT-CENTER REAR), AND REMOVED SITE OF TOWPATH (FOREGROUND) DURING HYDROPOWER FACILITY INSTALLATION
- NJ-45-3 VIEW LOOKING SOUTH OF GUARDLOCK CHAMBER, WITH DE-WATERED CANAL BEYOND
- NJ-45-4 VIEW LOOKING NORTHEAST OF EAST GUARDLOCK WALL
- NJ-45-5 VIEW LOOKING NORTHWEST OF WEST GUARDLOCK WALL AND GUARDLOCK GATES
- NJ-45-6 VIEW LOOKING NORTHWEST OF HEADGATES AND EAST INTAKE CHANNEL WALL
- NJ-45-7 DETAIL VIEW, LOOKING SOUTHWEST OF MASONRY PIER OUTER END AT HEADGATES, WITH WEST INTAKE CHANNEL WALL BEYOND
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- NJ-45-9 VIEW, LOOKING SOUTH OF LOWERED EAST GUARDLOCK WALK SECTION, WITH CONCRETE SPILLWAY AT LEFT
- NJ-45-10 VIEW, LOOKING SOUTH OF UPSTREAM ELEVATION, SHOWING GUARDLOCK MITRE GATES
- NJ-45-11 VIEW, LOOKING NORTH OF DOWNSTREAM ELEVATION, SHOW GUARDLOCK MITRE GATES
- NJ-45-12 DETAIL VIEW, LOOKING NORTHWEST OF EAST GUARDLOCK MITRE GATE JUNCTION, WITH LOCK QUOIN (AT REAR), SHOWING OUTLINES OF FORMER HINGE HARDWARE FOR FORMER SWINGING GATES

Dundee Canal: Headgates, Guardlock,  
and Uppermost Section

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- NJ-45-13 VIEW, LOOKING SOUTHEAST, OF UPSTREAM HEADGATES ELEVATION (RIGHT CENTER), WITH GUARDLOCK AND MITRE GATES AT LEFT
- NJ-45-14 VIEW, LOOKING NORTHWEST, OF DOWNSTREAM HEADGATES ELEVATION
- NJ-45-15 DETAIL VIEW, LOOKING NORTHEAST, OF SURVIVING HEADGATES LIFTING MECHANISMS
- NJ-45-16 DETAIL VIEW, LOOKING NORTHWEST, OF DUNDEE DAM DEDICATION PLAQUE:

DIRECTORS

E.J.C. Atterbury, President  
Thos. J. Stryker Israel D. Condit  
Chas. L. Pearson C. H. Higginson  
Charles Moore Jos. W. Allen

1859

- NJ-45-17 Photocopy of original plan, September 1936. W.P.A. NEW JERSEY/  
DIVISION WOMEN'S & PROFESSIONAL PROJECTS/ELIZABETH C. D. VANN,  
DIRECTOR/RIPARIAN & STREAM SURVEY OP. 165-22-6999/PROJECT 10-197:  
PLAN OF DUNDEE DAM SHOWING STRUCTURES-SECTIONS AND ELEVATIONS  
(On file at Hackensack Water Company)
- NJ-45-18 Photocopy of original plan, November 1903. THE SOCIETY FOR  
ESTABLISHING USEFUL MANUFACTURES/LOCK-GATE AT DUNDEE DAM  
(On file at Hackensack Water Company)